



## TP-220HD

1:2 Computer Graphics & HDTV Video over Twisted Pair Receiver & Distribution Amplifier



Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RWF.



The TP-220HD is a high-performance twisted pair receiver for computer graphics signals with resolutions up to and exceeding UXGA as well as HDTV signals up to 1080p. It converts a twisted pair signal back into two identical signals in the original format.

### FEATURES

- HDTV Compatible.
- Max. Resolution - WUXGA & 1080p.
- User Adjustable Sync Polarity Settings - H & V switches for improved HDTV compatibility with the CAT 5 outputs.
- Power Connect™ System - A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other.
- Long System Range - Up to 100m (320ft).
- Twisted Pair Connector - RJ-45.
- Level (Gain) & EQ (Peaking) Control.
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- Compact Kramer TOOLS™ - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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### TECHNICAL SPECIFICATIONS

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INPUT: 1 CAT 5 on an RJ-45 connector.  
OUTPUTS: 2 XGA/HD on 15-pin HD (F) connectors.  
MAX. OUTPUT LEVEL: 1.5Vpp.  
MAX. RESOLUTION: WUXGA & 1080p.  
DIFF. GAIN: 2.3%.  
DIFF. PHASE: 0.2Deg.  
K-FACTOR: 0.1%.  
S/N RATIO: 70dB @5MHz.  
CROSSTALK (all hostile): -45dB.  
CONTROLS: Level: -9.2dB to +2.1dB; EQ.: 0 to +29.5dB @50MHz.  
COUPLING: DC.  
POWER SOURCE: 12V DC, 300mA, when feeding TP-219HD.  
DIMENSIONS: 12.1cm x 7.18cm x 2.42cm (4.76" x 2.83" x 0.95") W, D, H.  
WEIGHT: 0.3kg (0.67lbs) approx.  
ACCESSORIES: Power supply.  
OPTIONS: RK-3T 19" rack adapter.